

**SAN BERNARDINO COUNTY
INITIAL STUDY ENVIRONMENTAL CHECKLIST FORM**

This form and the descriptive information in the application package constitute the contents of Initial Study pursuant to County Guidelines under Ordinance 3040 and Section 15063 of the State CEQA Guidelines.

USGS Quad: Yucaipa
T,R,Section: T1S R2W Sections 25, 26,35
Thomas Bros: 2000 edition, page 609
Sections H7, J6, J7 and page
649 Sections H1, J1
Planning Area: City of Yucaipa
Community: N/A
OLUD: N/A
Improvement Level: N/A

PROJECT DESCRIPTION:

1. Project Title: Yucaipa Regional Park Facility Improvements

2. Lead Agency Name and Address:

County of San Bernardino
Department of Public Works, Regional Parks Division
777 East Rialto Avenue
San Bernardino, CA 92415-0763

3 Contact person and phone number:

Maureen Snelgrove, Project Analyst
(909) 387-2591

4 Project location:

Yucaipa Regional Park, Yucaipa California

5 Project sponsor's name and address:

County of San Bernardino
Department of Public Works, Regional Parks Division
777 East Rialto Avenue
San Bernardino, CA 92415-0763

6 Description of project:

PROJECT SUMMARY:

Yucaipa Regional Park is located at 39000 Oak Glen Road in the City of Yucaipa (Figure 1). The County of San Bernardino Department of Public Works, Regional Parks is proposing various parkland improvements projects including; a new day use/overnight equestrian area, a new picnic/shelter area, and an expanded Recreational Vehicle (RV) area (Figure 2). These parkland improvements are primarily being funded through Proposition 12 per capita grant funds.

New facility improvements will occur on three primary areas. A new picnic area and shelter in the northern portion of the park, north of Lake 3 (Figure 3), an expanded RV area located just north and adjacent to the existing RV area (Figure 4), and a new equestrian use area on the southern portion of the park adjacent to the closed Yucaipa Landfill (Figure 5). Additionally, Proposition 12 Per Capita Grant Funds may also be used for

minor repair and rehabilitation of existing park facilities and amenities such as restrooms, signage, and parking area restoration.

The new Picnic/Shelter area will include the development of a covered area with tables for picnicking, and the construction of a 15-foot by 20-foot restroom and parking area (See photos 4 and 12). The new Picnic/Shelter area and restroom will be located on approximately 2.3-acres located in the northernmost portion of the park. Access will be via a new asphalt road that will connect to an existing internal park road.

The expanded Recreational Vehicle (RV) area will include the design and construction of approximately 17 RV hook-up sites (See Photo 8) that include water, electrical power and sewer connection as well as an area restroom approximately 15-feet by 20-feet (See photo 12). The expanded RV area will be located on approximately 3.75-acres north of the existing RV area. Access will be via a new asphalt road that will connect to the existing RV area road.

The new Equestrian Area will entail the design and construction of an equestrian area with overnight corrals for up to 31 horses, 7 day use corrals, a dry camping area for 30 visitors and restroom/showers (See photo 12) connected to a septic tank/leach field system. The new Equestrian Area will be located in the southwestern portion of the Yucaipa Regional Park adjacent to the parkland boundaries and the closed Yucaipa Landfill. Access to the Equestrian Area will be via existing internal parkland roads that are both paved and unpaved.

Manure generated within the corrals and equestrian area will be managed on a daily basis by the equestrian area users. The corrals will occupy approximately 8,600 sq. ft. Shovels and wheel barrels will be available to assist users in collecting manure. Collected manure will be placed in 60-90 gallon sealed refuse containers to prevent propagation of flies. The refuse containers will be located in close proximity (or adjacent) to the corrals. The refuse containers will be picked up on a weekly basis by the Park's refuse removal company for disposal or recycling at an approved facility.

Purpose and Need For The Project:

The Yucaipa Regional Park includes 885 acres of parkland that incorporates three public use lakes used for boating, swimming and fishing. The park also offers tent camping areas, RV camping/hook-up sites, and a snack bar and bait shop. The park is used by a wide variety of people and was visited by more than 125,900 people in 2001.

Expansion of the picnicking and day use area will afford more opportunities for park users. The park's existing RV area is limited to 29 spaces that have historically been rented and reserved much of the time. The addition of approximately 17 RV hook-up spaces will allow additional RV users to utilize the park. Equestrian use at the park has been limited due to the lack of corrals and ancillary facilities tailored to equestrian uses. Construction of the equestrian camping and day use area will enhance this recreational use in an unused area of the park.

PROJECT IMPLEMENTATION:

Implementation of the three parkland improvements will occur over several months and construction will be undertaken by the County of San Bernardino. Required permits include:

- Grading Permit issued by the County of San Bernardino, Department of Building and Safety
- Septic System/Leachfield permit issued by the County of San Bernardino Department of Environmental Health

ENVIRONMENTAL/EXISTING SITE CONDITIONS:

The Yucaipa Regional Park is located within the City of Yucaipa at 39000 Oak Glen Road. Incorporating approximately 885 acres of man made parklands; the park includes three manmade lakes. The recreational amenities at the regional park include camping (Tent and Recreational Vehicle), picnicking, fishing, swimming,

boating and hiking. The park is predominately developed and landscaped with grass, trees and non-native shrubs. Few areas of the park contain undisturbed lands and vegetation. The proposed picnic area consists of approximately 2.3 acres that have been disturbed with trails and park maintenance activities. Photographs 1, 2, and 3 depict existing conditions in the proposed picnic area.

The expanded RV area will be located in a natural bowl or valley just north of the park's existing RV area and will encompass approximately 3.75 acres. This area of the park consist of what was previously chamise chaparral and some portions of the site still have a chamise cover while some areas are now bare or weed dominated with native vegetation becoming reestablished. The site is on a moderately sloping hillside, which drains from the northeast to the southwest. Photographs 5, 6, and 7 show aspects of the proposed expanded RV area.

The day/overnight use equestrian area will encompass approximately 1/2 acre. This area has been graded in the past and is covered predominately with non-native annual weeds. Photographs 9, 10, and 11 show existing conditions in the proposed equestrian area.

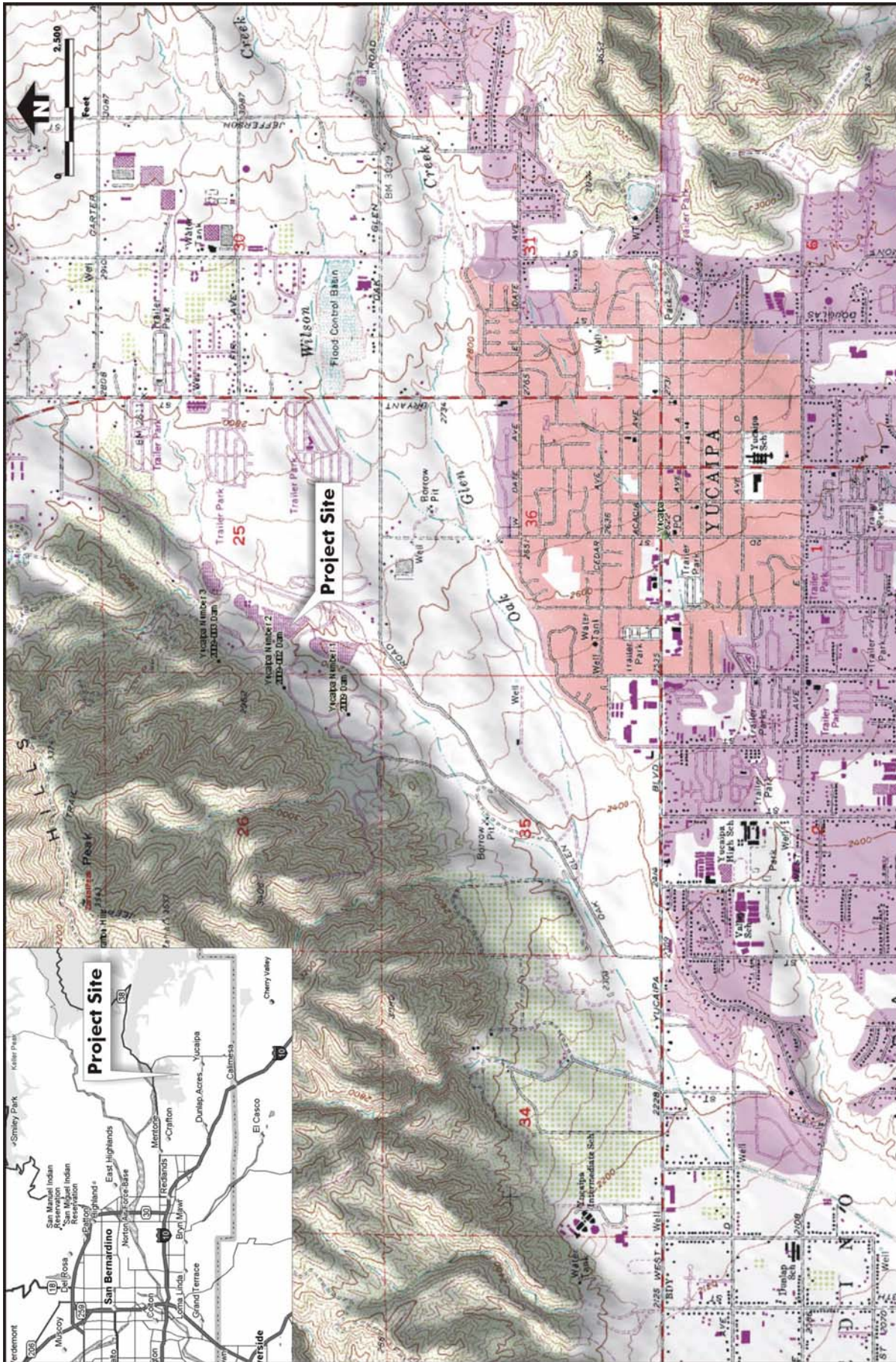
SURROUNDING LAND USES:

Surrounding current land uses include:

	EXISTING LAND USE	CITY OF YUCAIPA OFFICIAL LAND USE DISTRICT	IL
Project Site	Regional Park	Institutional	NA
North	Single Family Homes	RL-1, RL-5, RL-10, and RL-40	NA
South	Residential	Institutional, RS-20, RS 10	NA
East	Schools, City Park and Residential	Institutional, RS-72C, Planned Development	NA
West	Open Space	Open Space Conservation*	IL5

* San Bernardino County Official Land Use Designation.

IL Infrastructure Improvement Level – Levels range from 1 to 5 and are tied to the availability of the basic infrastructure required for development (roads, water and wastewater). IL-1 represents the most intense urban areas before development can be permitted to the degree allowed by a site's official land use designation, existing and planned infrastructure must be in place at levels consistent with the designated IL areas. Typical lot sizes for IL-1 is less than ½ acre

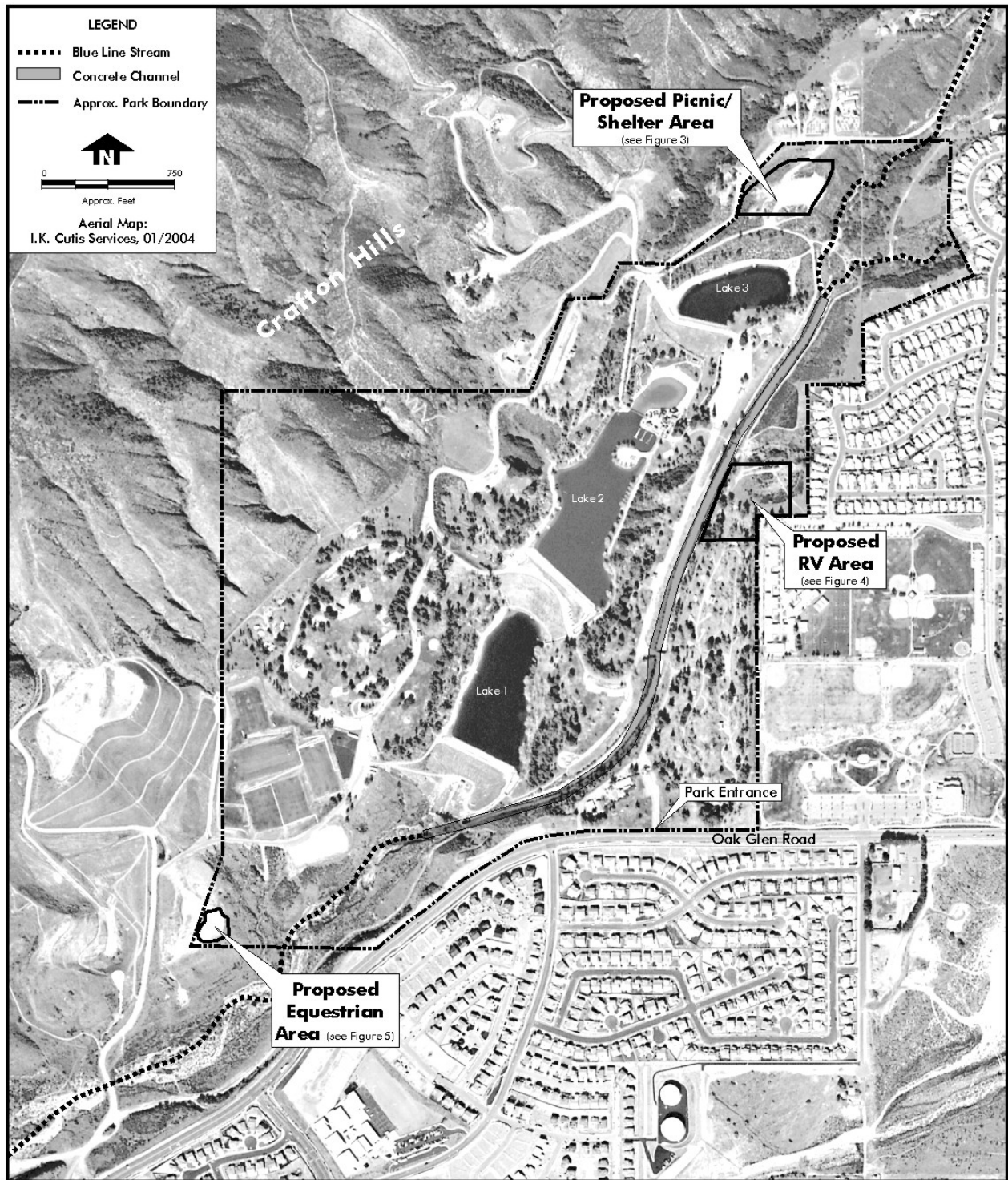


Project Location

Yucaipa Regional Park
Parkland Improvements Initial Study
County of San Bernardino, California

Regional Site
LILBURN
CORPORATION

Figure 1

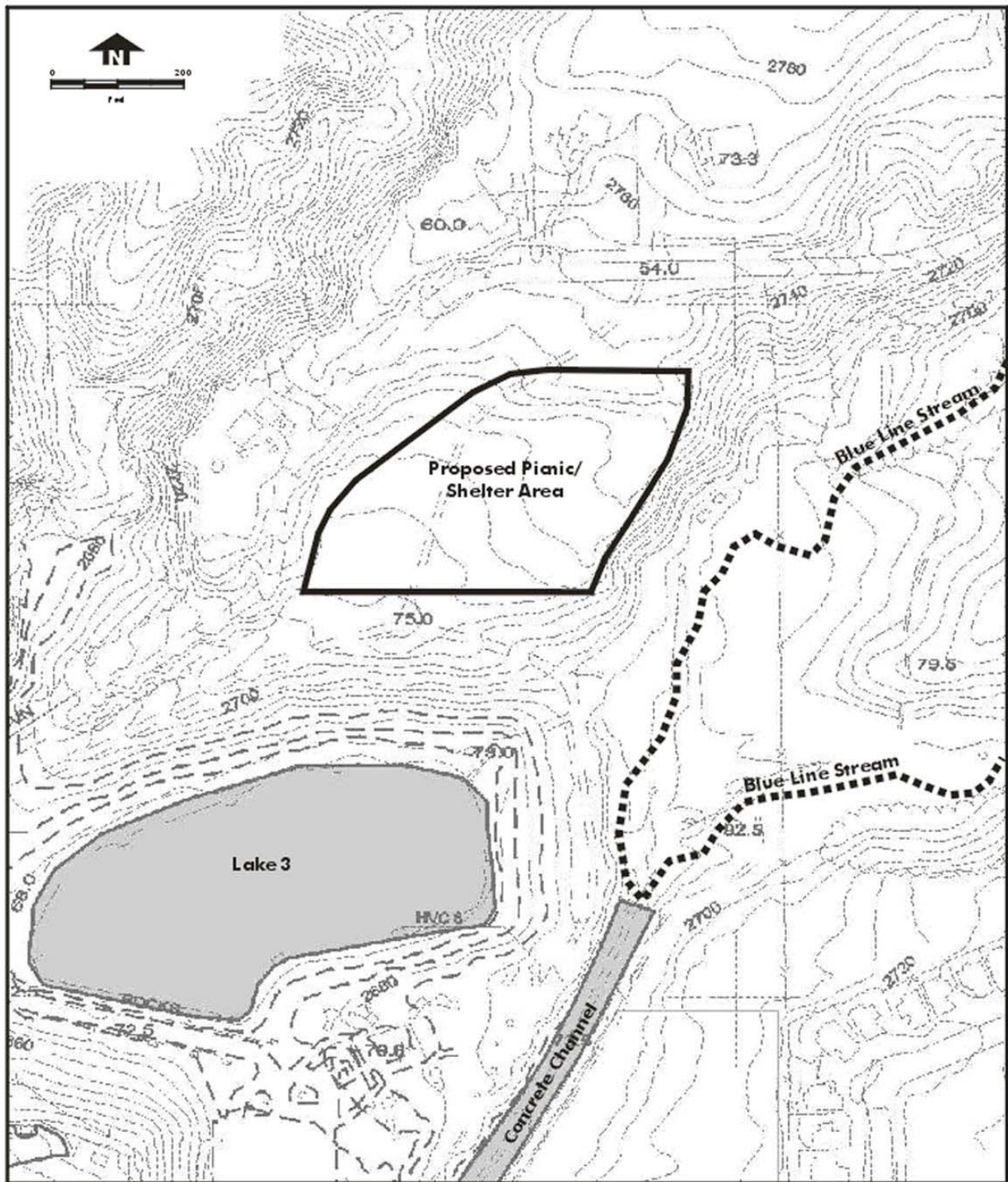


Parkland Improvement Areas

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Yucaipa Regional Park
Parkland Improvements Initial Study
County of San Bernardino, California

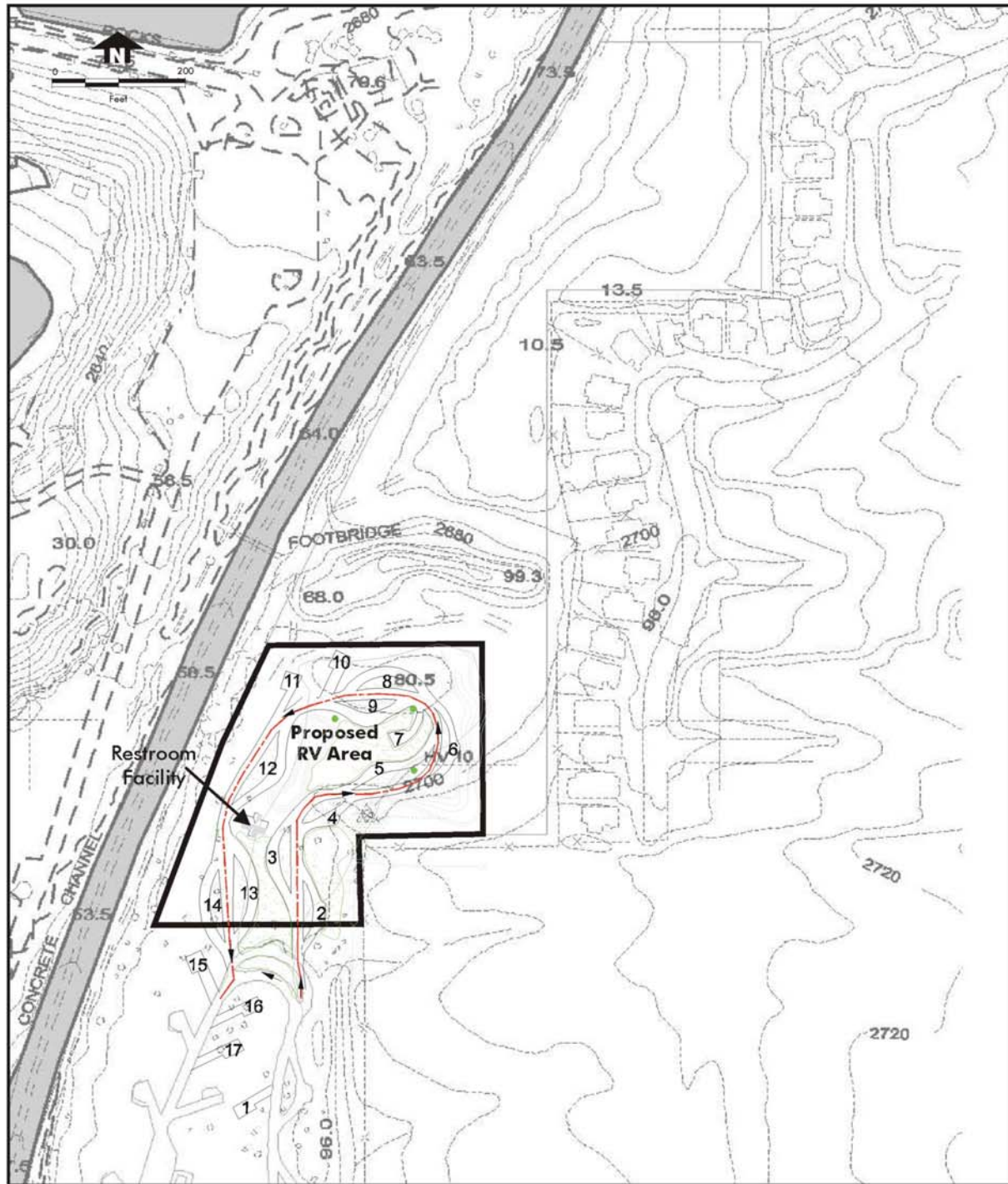
Figure 2



Picnic/Shelter Area

Yucaipa Regional Park
Parkland Improvements Initial Study
County of San Bernardino, California

Figure 3

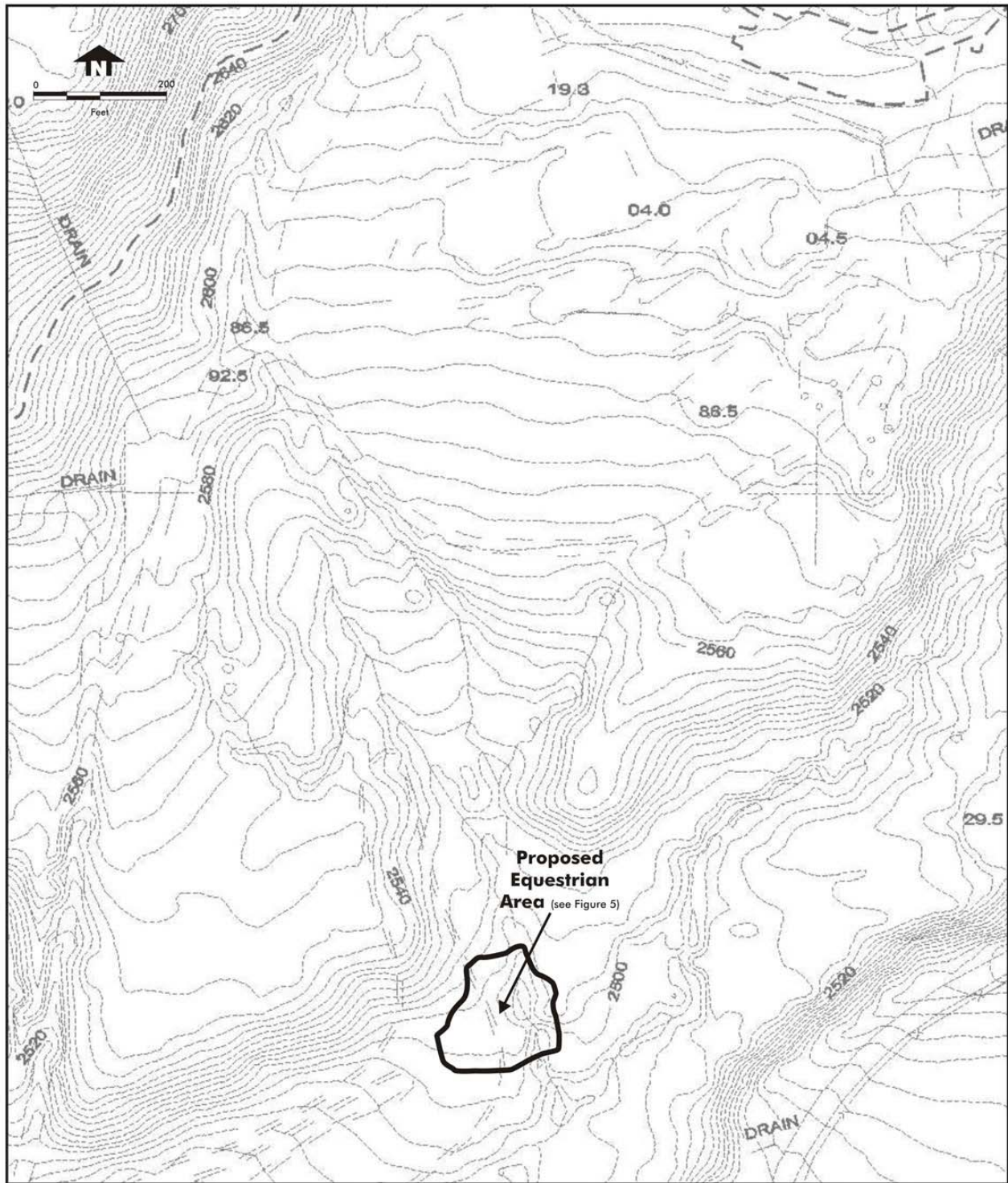


RV Hook-up Area

Yucaipa Regional Park
Parkland Improvements Initial Study
County of San Bernardino, California

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Figure 4



Proposed Equestrian Area

Yucaipa Regional Park
Parkland Improvements Initial Study
County of San Bernardino, California

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Figure 5

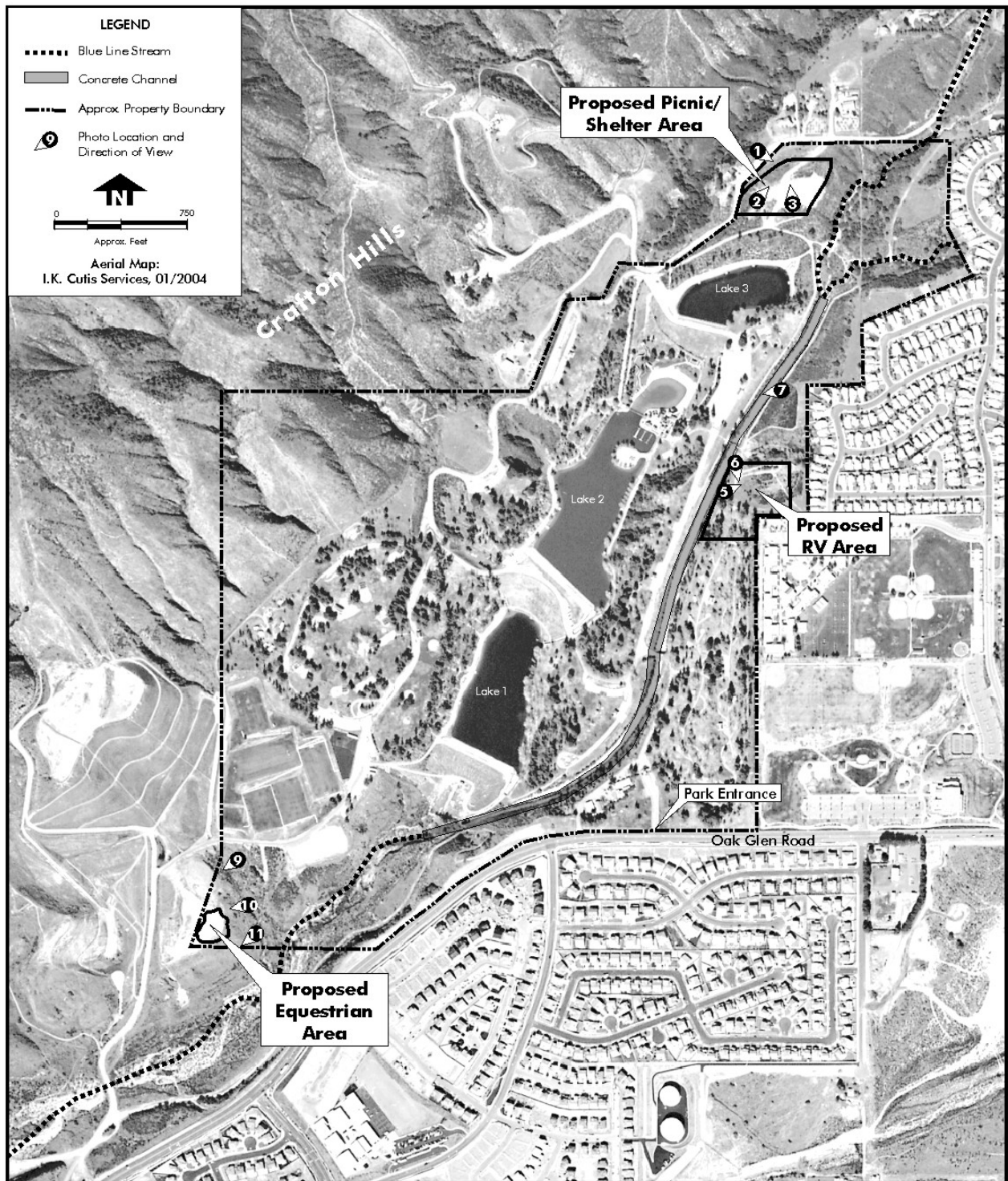


Photo Location Index

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Yucca Regional Park
Parkland Improvements Initial Study
County of San Bernardino, California

Figure 6

Yucaipa Regional Park Facility Improvements Initial Study Site Photos



Photo 1 – View of Picnic/Shelter area looking southeast.



Photo 2 – View of Picnic/Shelter area looking northeast.



Photo 3 – View of Picnic/Shelter area looking north.



Photo 4 – Typical Picnic/Shelter area.

Yucaipa Regional Park Facility Improvements Initial Study Site Photos



Photo 5 – View of proposed RV Area from the southwest toward nearby residents to the northeast.



Photo 6 – View of proposed RV Area from the northwest toward the existing RV area.



Photo 7 – View of proposed RV Area (beyond the shrubs) from the northeast.



Photo 8 – View of typical RV hook-up area.

Yucaipa Regional Park Facility Improvements Initial Study Site Photos



Photo 9 – View of proposed equestrian area looking southwest from the northeast.



Photo 10 – View of proposed equestrian area looking west from the east.



Photo 11 – View of southern portion of the proposed equestrian area from the northwest.



Photo 12 – View of a typical restroom/shower area for the Picnic, RV Hook-up, and Equestrian areas.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

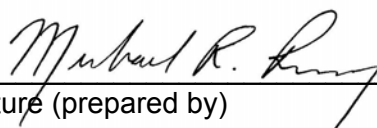
The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|--|---|---|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology /Soils |
| <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology / Water Quality | <input type="checkbox"/> Land Use/ Planning |
| <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise | <input type="checkbox"/> Population / Housing |
| <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation | <input type="checkbox"/> Transportation/Traffic |
| <input type="checkbox"/> Utilities / Service Systems | <input type="checkbox"/> Mandatory Findings of Significance | |

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation, the following finding is made:

- ☐ The proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ Although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ The proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ Although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



Signature (prepared by)

9/07/04

Date

Signature
Randy Scott, Division Chief
Advanced Planning Division
Land Use Services Department

Date

EVALUATION OF ENVIRONMENTAL IMPACTS

Pursuant to Section 15063 of CEQA Guidelines, an explanation is required for all "Potentially Significant Impact," "Potentially Significant Impact Unless Mitigation Incorporated," and "Less Than Significant Impact" answers, including a discussion of ways to mitigate the significant effects identified.

	Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
I. AESTHETICS — Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SUBSTANTIATION (check ___ if project is located within the viewshed of any Scenic Route listed in the General Plan):

Picnic/Shelter Area

- a) The proposed picnic/shelter area will be constructed in the upper most area of the Yucaipa Regional Park, north of Lake 3. This area of the park is currently undeveloped and mostly unused by park visitors. The picnic/shelter area will be adjacent to the park north property boundary and just south of four single-family homes that have a view of the parklands. These views will not be significantly impacted by construction of the proposed picnic/shelter or restroom as the parklands are at a considerable lower elevation than the homes.
- b-c) Construction and use of the proposed picnic/shelter area will not damage scenic resources, trees, rocks outcroppings, or historic buildings and is not located near a State scenic highway.
- d) The proposed picnic/shelter area does not include an area lighting plan; only security lights associated with the restroom are proposed and will not create substantial light or glare because of shielding.

RV Hook-up Sites

- a) The proposed 17 RV hook-up sites will be constructed adjacent to the park's existing RV area, in the eastern portion of the park. This area of the park is currently undeveloped and mostly unused by park visitors. The RV hook-up area is adjacent to the eastern boundary and borders near approximately 5 single-family homes within a planned development consisting of single-family homes on approximate 4,000 square foot lots. The RV area will be constructed at a lower elevation than the existing homes and therefore will not significantly impact viewsheds. To reduce the potential visual impact to these residences, the following mitigation measures shall apply:

1. The design and layout of the RV camping area shall orient all RV's utilizing the site so that they are facing west away from homes located to the east of the expanded RV area.
2. Existing trees and shrubs shall be retained as much as feasible to disrupt direct views from homes overlooking the proposed RV Hook-up area.
3. Any permanent lighting shall be shielded and directed away from existing housing located adjacent to the Yucaipa Regional Park

b-c) Construction and use of the proposed RV hook-up sites will not damage scenic resources, trees, rocks outcroppings, historic buildings and is not located within a State scenic highway designation.

d) The proposed RV Hook-up area will include development of a restroom/shower for use by park visitors. This restroom/shower will incorporate only shielded security lighting and is therefore not anticipated to cause significant light or glare.

Equestrian Area

a-c) The equestrian camping area will be constructed on a lower portion of the parklands and will not impact scenic views, damage scenic resources or degrade the existing visual character.

d) The proposed equestrian area will include development of a restroom/shower for use by park visitors. This restroom/shower will incorporate only shielded security lighting and is therefore not anticipated to cause significant light or glare.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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II. AGRICULTURE RESOURCES — In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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SUBSTANTIATION (check __ if project is located in the Important Farmlands Overlay):

- a-c) All of the proposed improvements will be developed and constructed on the Yucaipa Regional Park existing parklands. No farmland or agricultural resources would be affected.

	Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
III. AIR QUALITY — Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION (discuss conformity with the South Coast Air Quality Management Plan, if applicable):

- a-b) The development of the Picnic/Shelter area and restroom is not anticipated to result in greater than an average of 20 trips per day. The RV area is anticipated to generate approximately 15 trips per day, and the equestrian area approximately 20 trips per day. The combined projects will generate approximately 55 total trips per day.

The proposed project was screened using the Urban Emission Model 2001 (URBEMIS 2001) prepared by Jones & Stokes under the guidance of the San Joaquin Valley Unified Air Pollution Control District, the Ventura County Air Pollution Control District, and the South Coast Air Quality Management District (SCAQMD). The program generates emissions estimates for land use development projects. Table 1 shows construction emission results.

Table 1
URBEMIS 2001 Construction Emissions Summary
(Pounds per Day)

Source	ROG	NO_x	CO	PM₁₀
Grading	2.03	27.86	-	12.56
Worker Trips	0.01	0.01	0.02	0.00
Stationary Equipment	0.34	0.27	-	0.02
Mobile Equipment	1.56	14.40	-	1.12
Painting	3.70	-	-	-
Paving	0.31	-	-	-
Totals	7.95	42.55	0.02	13.70
SCAQMD Threshold	75	100	550	150
Significant?	No	No	No	No

Generally, construction projects of this size will not exceed SCAQMD thresholds for NO_x and PM₁₀ during grading activities or SCAQMD thresholds for developed (operational) conditions for NO_x. Table 1 shows the construction related project impacts indicating that thresholds are not exceeded. Since the project is in a non-attainment basin for the constituents in Table 1, the construction contract requirements will include the following:

- The construction contractor shall select the construction equipment used on-site based on low emission factors and high-energy efficiency. The construction contractor shall ensure the construction grading plans include a statement that all construction equipment will be tuned and maintained in accordance with the manufacturer's specifications.
- The construction contractor shall utilize electric or clean alternative fuel powered equipment where feasible.
- The construction contractor shall ensure that construction-grading plans include a statement that work crews will shut off equipment when not in use.
- Construction area and unpaved roadways shall be treated with water twice a day to control dust in accordance with SCAQMD Rule 403.

Operational Emissions

The project will produce a minimal increase in CO emission levels in the area. Since recreational development mainly surrounds the project site, mitigated emission levels as shown in Table 2, reflect credit to the project from the surrounding pedestrian environment (i.e. walking paths, shade trees, visually interesting walk routes, and uses within cycling distance). The proposed project includes the parkland improvements including a new picnic/shelter area, expanded RV hook-up area, and new equestrian area. A major portion of project emissions is related to vehicles traveling to and from the site, as the project is an addition to an existing recreational use. Added vehicular trips are assumed to be minimal. Project related emissions are calculated at 6.78 pounds of CO per day (approximately 543 pounds below the SCAQMD threshold for CO).

Table 2
Post-Construction Emissions
(Pounds per Day)

Source	ROG	NO_x	CO	PM₁₀
Area Source	0.00	0.02	0.01	0.00
Mobile Source	0.67	0.81	6.78	0.26
Total	0.67	0.83	6.79	0.26
SCAQMD Threshold	55	55	550	150
Significant?	No	No	No	No

- c-e) None of the proposed parkland improvements exceed SCAQMD thresholds for emissions and therefore will not result in cumulatively considerable net increases in any criteria pollutants. Existing sensitive receptors include the adjacent residential areas which may be impacted by dust and odors during construction. Emission levels during construction however are determined to be less than significant. Objectionable odors may be generated by the stabled horses within the equestrian area. These odors would be temporary in nature and not a long term significant impact affecting a large number of people.

Potentially
Significant
Impact Less than
Significant with
Mitigation Incorp. Less than
Significant
Impact No
Impact

IV. BIOLOGICAL RESOURCES — Would the project:

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

	Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION (check if project is located in the Biological Resources Overlay __ or contains habitat for any species listed in the California Natural Diversity Database __):

Non-native grasses, shrubs and trees, and three water storage reservoirs, all of which are managed by the County for Public Recreation purposes, dominate the site. The site's vegetation and hydrology were altered when the park was constructed in 1972. Two small ephemeral washes enter the park from the north and the northeast. They join just before entering a concrete lined drainage channel. The concrete channel traverses the site from the northeast to the southwest where it discharges to a natural channel.

A review of the California Natural Diversity Database was conducted for the proposed parkland improvement areas. Although several sensitive species are identified as inhabiting the Yucaipa Quadrangle, no sensitive species are anticipated to occur within the proposed parkland improvement areas. In general, the existing Yucaipa Regional Park is largely developed with grasses and trees that are routinely maintained by the County. Specific areas of the park that are proposed for development have been significantly disturbed by park users, routine weed control/abatement (disking), equipment storage, and other maintenance activities.

Two blue line streams are indicated on the USGS Yucaipa Quadrangle, in the Yucaipa Regional Park area and are shown on Figure 2.

Picnic/Shelter Area

a-d) The Picnic/Shelter area site is located at the base of the Crafton Hills, along the southeast flank, at an elevation of approximately 2,720 feet above mean sea level. The site is generally disturbed by ongoing park maintenance and construction activities (Photograph 2). The vegetation was originally chamise chaparral and some portions of the site still have a chamise cover while some are bare or weed dominated and some have native vegetation becoming reestablished. The site is on a moderately sloping hillside, which drains from the northeast to the southwest.

The California Natural Diversity Database contains records of sensitive species for the Yucaipa Quadrangle, however they occur in the Santa Ana River drainage and the San Timoteo drainage. Habitats identified are associated with alluvial and sage scrub adapted species.

The San Bernardino kangaroo rat and the California gnatcatcher are listed species that occur in the region, and are known to be present in the Santa Ana River Wash area, north of the Crafton Hills. These species are found in floodplain areas and open areas of sage scrub. Designated critical habitat for these species occurs in the San Bernardino Valley west of and at lower elevation than the site.

The Santa Ana River woolly-star and spineflower are listed plant species that are also known to occur in the region's alluvial habitats but are only known to occur in the Santa Ana River drainage, north of the Crafton Hills. Critical habitat has not been designated for these species.

- e) Construction of the Picnic/Shelter area will not conflict with any local policies or ordinances protecting biological resources as no trees or other protected native plants will be impacted.
- f) Construction of the Picnic/Shelter area will not conflict with any adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or State habitat conservation plan including the existing park.

RV Hook-up Sites

- a) The expanded RV Hook-up area is located at the base of the Crafton Hills, along the southeast flank, at an elevation of approximately 2,700 feet above mean sea level. The site is generally disturbed by ongoing park maintenance activities and park users as evidenced by numerous vehicle trails and paths in the proposed expanded RV Hook-up area (Photographs 5, 6, and 7). The vegetation was originally chamise chaparral and some portions of the site still have a chamise cover while some are bare or weed dominated and some have native vegetation becoming reestablished. The site is on a moderately sloping hillside, which drains from the northeast to the southwest.

There are no known occurrences of candidate, sensitive or special status species on site. Threatened and endangered species known from the vicinity occur in the Santa Ana River watershed, on the north side of the Crafton Hills, two miles north of the site. These species include the San Bernardino kangaroo rat, slender-horned spineflower, Santa Ana River woolly-star, southwestern willow flycatcher and the mountain yellow leg frog. Habitat for these species does not occur on the site. The hydrology of the site was dramatically altered with the construction of three water storage reservoirs (San Bernardino Valley Municipal Water District) and the channel bypass through the site. The site is generally developed with recreational amenities and the necessary support and maintenance facilities and has been used for recreational purposes for decades. The site is dominated by non-native plants; grass, shrubs and trees. Small remnants of chamise chaparral, sage scrub and riparian woodlands remain, however, these are not impacted by the proposed improvements, which are proposed for areas previously disturbed by construction, maintenance and/or recreation activities. The site is drained by a concrete lined channel that discharges into the San Timoteo drainage. The San Timoteo drainage is not continuous with the ephemeral drainages on site due to the existing concrete lined channel.

- b) The potentially sensitive areas onsite occur along the unchannelized drainages, which are upstream (north and east) of the proposed developments.
- c) The necessary, soil, hydrology and vegetation which define wetlands are not known to occur on site. The park's central features are three lakes created for water storage that are managed for public recreation. The developments are proposed at upland (dry) rather than wetland locations.
- d) The proposed developments will not interfere with the site's use by wildlife for movement. The uses proposed are similar in nature and intensity as those existing. The primary use of the site for movement is by waterfowl and migratory birds, which rely upon the water storage lakes. This use will not change; therefore, no impact is expected.
- e) The site is actively managed for public recreation that allows use by waterfowl, raptors, small mammals, reptiles and amphibians. This use would continue as it has since 1972 and would not conflict with local policies or ordinances protecting biological resources. No trees are anticipated to be removed as a result of the project.
- f) There are no adopted Habitat Conservation Plans, Natural Community Conservation Plans, or other local, regional, or state habitat conservation plans established for this site or its vicinity.

Equestrian Area

- a-d) The Equestrian site is located along the southern flank of the Crafton Hills at an elevation of approximately 2,600 feet above mean sea level. The site has been graded and is covered predominately with non-native annual weeds (Photograph 10). Due to the site disturbance and lack of native habitat no sensitive species of plants or animals are expected to occur on-site.

The California Natural Diversity Database contains records of sensitive species for the Yucaipa Quadrangle, however they occur in the Santa Ana River drainage and the San Timoteo drainage. Habitats identified are associated with alluvial and sage scrub adapted species.

The San Bernardino kangaroo rat and the California gnatcatcher are listed species that occur in the region, and are known to be present in the Santa Ana River Wash area, north of the Crafton Hills. These species are found in floodplain areas and open areas of sage scrub. Designated critical habitat for these species occurs in the San Bernardino Valley west of and at lower elevation than the site.

The Santa Ana River woolly-star and spineflower are listed plant species that are also known to occur in the regions alluvial habitats but are only known to occur in the Santa Ana River drainage, north of the Crafton hills. Critical habitat has not been designated for these species.

- e) Construction of the Equestrian area facilities will not conflict with any local policies or ordinances protecting biological resources as no trees or other protected native plants will be impacted.
- f) Construction of the Equestrian area facilities will not conflict with any adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or State habitat conservation plan including the existing park.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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V. CULTURAL RESOURCES — Would the project:

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|---|--------------------------|-------------------------------------|-------------------------------------|--------------------------|
| a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d) Disturb any human remains, including those interred outside of formal cemeteries? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SUBSTANTIATION (check if the project is located in the Cultural _ or Paleontologic _ Resources overlays or cite results of cultural resource review):

Picnic/Shelter and RV Hook-up Areas

- a-d) The Picnic/Shelter and RV Hook-up areas will be constructed in areas of the park that have been disturbed due to past activities. Grading and excavation will encompass approximately 2.3 acres. The Park is located in an area known to potentially have archaeological and paleontological resources. Therefore, the following mitigation measures are recommended.
4. **Prior to commencement of construction activities or grading of undisturbed portions of the Picnic/Shelter and RV Hook-up areas, a field survey shall be conducted by a qualified paleontologist and archeologist to identify areas that may contain potential resources. If no areas are identified, a report of the field surveys shall be prepared and submitted to the San Bernardino County Museum for approval. A copy of the report shall also be submitted to the County Planning Department, Environmental Analysis Team for documentation of mitigation compliance.**
 5. **If, through the field survey, areas are identified as containing potential resources, excavation shall be monitored by a qualified paleontologist and archeologist. In the event that no specimens are found, a report shall be prepared and submitted as directed above.**
 6. **If buried resources are encountered during any excavation activities, all work shall be halted or diverted until a qualified archaeologist and/or paleontologist can evaluate the nature and significance of the finds. The County will be responsible for construction contract documents allowing monitors to halt or re-direct excavation.**

Equestrian Area

- a-d) The equestrian camping area, stables, and restroom will be constructed in an area of the park that was previously used as a borrow source for the adjacent Yucaipa Landfill. Any cultural resources located at the site have been removed or disturbed by previous site activities.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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VI. GEOLOGY AND SOILS — Would the project:

- a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:
- i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.
 - ii) Strong seismic ground shaking?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18 1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SUBSTANTIATION (check ☐ if project is located in the Geologic Hazards Overlay District):

- a) The Yucaipa Regional Park and in particular all three of the park improvement areas are located in an area identified as an Alquist-Priolo Earthquake Fault Zone (Crafton Hills Fault Zone) that consists of at least 10 faults in a wedge between the San Andreas fault zone, and the San Jacinto fault zone. The Crafton Hills fault zone exists because of the actions of these two major faults. The sense of slip for both the San Jacinto and San Andreas faults is right-lateral. As such the following mitigation measures shall apply:

7. As required by the County Geologist, prior to final selection of bathroom/shower locations a qualified geologist shall complete fault location trenching to ensure the bathroom/showers are located at least 50-feet from Holocene faults. In addition, the construction of the structures shall be in conformance with Uniform Building Code requirements for buildings located in Alquist-Priolo Earthquake Fault Zones.

- b) The proposed project is the development of enhanced parkland uses. No significant loss of topsoil or soil erosion will occur as a result of the proposed parkland improvements as less than 0.008 percent (> 7 acres) of the Yucaipa Regional Park land area will be disturbed by grading and construction activities.
- c) The site is not susceptible to landslides as it is within a broad, gently sloping hillside area. The topography will be altered slightly to accommodate level picnic area and RV pads. Grading will be done in accordance with a grading plan approved by the County Engineer. The impact is not considered significant, as construction activities will not create any unstable soils at the site.
- d) The site is not located on expansive soils as it primarily consists of Saugus sandy loam with 30 to 50 percent slopes and Tujunga gravelly loam sand at 0 to 9 percent slopes.

- e) The soil types in the area are generally capable of supporting the use of septic tanks however, specific soil testing will be undertaken to confirm the ability of the equestrian area to be supported by a septic tank system. The septic system would require a permit issued by the County Department of Environmental Health Services. All other areas of park improvements proposed will be connected to the parklands existing sewer system.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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VII. HAZARDS AND HAZARDOUS MATERIALS —

Would the project:

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|--|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SUBSTANTIATION:

- a/c/d) None of the proposed parkland improvements include the transport, use or disposal of hazardous materials. Therefore, the release of hazardous materials into the environment would not occur. The Yucaipa Regional Park is not on the state's list of hazardous materials sites.
- b) The equestrian area of the Yucaipa Regional park would be located within 200 feet of the closed Yucaipa Landfill. The 30-acre Yucaipa Landfill located immediately west of the equestrian area was operated between 1963 and 1980. The proximity of the landfill to the proposed development creates a potential for landfill gas (LFG) exposure/migration to any structures located near the landfill. Landfill gas is the product of anaerobic decomposition of organic solid waste in a landfill. Landfill gas mainly consists of carbon dioxide and methane, which are both colorless and odorless. The landfill gas can migrate into nearby structures through any permeable surfaces in the area. Methane at concentrations between five and fifteen percent (by volume) in air can be explosive. The landfill has probes to measure LFG at the property line around the landfill.

The California Integrated Waste Management Board (CIWMB), through its Local Enforcement Agency (LEA), primarily regulates control of landfill gas. The County of San Bernardino Department of Public Health – Department of Environmental Health Services is the LEA for the landfill. The CIWMB regulatory requirements are found in CCR Title 27. Additionally, the South Coast Air Quality Management District (SCAQMD) Rule 1150.1 – Control of Gaseous Emissions from Municipal Solid Waste Landfills regulates the emissions of landfill gas to the atmosphere and subsurface. The primary purpose of these regulations is to prevent public nuisance and possible detriment to public health and safety or the environment caused by exposure to such emissions as well as prevent damage to structures, roads, utilities, and gas monitoring and control systems.

Section 21190 of CCR Title 27 states that the Local Enforcement Agency (LEA) shall review and approve proposed post-closure land uses if the project involves placement of structures within 1,000 feet of the disposal area. Additionally, all on-site construction within 1,000 feet of the boundary of any disposal unit must be constructed with a gas impermeable barrier, gas venting system, and gas monitoring system, or equivalent design. This requirement is meant to apply to construction of structures located on a landfill site within 1,000 feet of the limit of refuse rather than an adjacent site. However, due to the potential for landfill gas to migrate, and because the proposed project would place a structure within 1,000 feet of the limit of refuse the following mitigation measures shall apply:

- 8. The equestrian area restroom/showers shall be constructed with a geomembrane or equivalent system that incorporates low permeability to landfill gas, between the concrete floor slab of subgrade and install venting trenches with vent risers extending to the roofline. The system shall be approved by the County of San Bernardino, Environmental Health Division, Local Enforcement Agency.**
 - 9. Any utility conduits (water, gas, electrical) connected to the equestrian area restroom/showers shall be provided with cutoff seals at connections to the restroom/shower to prevent methane from migrating through the backfilled trenches.**
- e-f) The Yucaipa Regional Park is not located within an airport land use plan or airport safety zone. There are no private airstrips in the vicinity of the proposed parkland improvements.
- g) All of the proposed parkland improvements will be developed in an existing regional park that has no through traffic. Speed limits within the park are restricted to 15 miles per hour so as to minimize potential conflicts with cyclists and pedestrians. Therefore, there would be no interference with any emergency response or evacuation plan.

- h) The entire Crafton Hills area including the Yucaipa Regional Park is located in a Fire Safety Review Area as identified within the City of Yucaipa General Plan. However, the proposed project does not include habitable structures. Review by the City would not be required and significant impacts would not occur.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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VIII. HYDROLOGY AND WATER QUALITY — Would the project:

a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| j) Inundation by seiche, tsunami, or mudflow? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|

SUBSTANTIATION:

Picnic/Shelter Area

- a) The Picnic/Shelter area and restroom are being developed to connect to the Park's existing sewer system thereby eliminating the potential to violate any water quality standards or waste discharge requirements.
- b) The development of the Picnic/Shelter area would not result in the depletion of groundwater or interfere with groundwater recharge. Developing the approximate 2.3 acre area with grass and trees would not require a significant amount of water and would not create any significant impervious areas or reduce the amount of area currently used for groundwater recharge.
- c-f) The development of the Picnic/Shelter area would not alter existing drainage patterns because grading, landscaping, and turf planted will not require a significant change in existing drainage patterns.
- g-i) Development of the Picnic Shelter Area will not involve the development of housing. No structures will be constructed within a 100-year flood hazard area.
- j) The proposed Picnic/Shelter area is located approximately 60 miles inland from the ocean and the park's existing lakes are not considered significant bodies of water that could cause severe damage. The proposed project would therefore not be affected by severe storm or earthquake-related water hazards such as a seiche, tsunami or mudflow.

RV Hook-up Sites

- a) The RV Hook-up area and proposed restroom are being developed to connect the RV sites to the existing sewer system thereby eliminating the potential to violate any water quality standards or waste discharge requirements.
- b) The development of the RV Hook-up area would not result in the depletion of groundwater or interfere with groundwater recharge. Developing the approximate 3.75 acre area with grass and trees would not require a significant amount of water and would not reduce the amount of area currently used for groundwater recharge.
- c-f) The development of the RV Hook-up area would not alter existing drainage patterns because placing the 12 to 20 RV sites would not require a significant change in existing drainage patterns.
- g-i) Development of the PRV Hook-up Area will not involve the development of housing. No structures will be constructed within a 100-year flood hazard area.
- j) The proposed RV Hook-up area is located approximately 60 miles inland from the ocean and the park's existing lakes are not considered significant bodies of water that could cause severe damage. The proposed project would therefore not be affected by severe storm or earthquake-related water hazards such as a seiche, tsunami or mudflow.

Equestrian Area

- a) The equestrian area is being developed to utilize a septic tank/leach field. Approval and permitting of the septic tank/leach field will be required from the County Division of Environmental Health.
- b) The development of the equestrian area would not result in the depletion of groundwater or interfere with groundwater recharge. Developing the approximate 1/2 acre area with grass and trees would not require a significant amount of water and would not reduce the amount of area currently used for groundwater recharge.
- c-d) The development of the equestrian area would not alter existing drainage patterns because construction of the overnight stables and bathroom/shower would not require a significant change in existing drainage patterns.
- e-f) Water quality will not be impacted, because manure generated within the corrals and equestrian area will be managed on a daily basis by the equestrian area users. Shovels and wheel barrels will be available to assist users in collecting manure. Collected manure will be placed in 60-90 gallon sealed refuse containers to prevent propagation of flies. The refuse containers will be located in close proximity (or adjacent) to the corrals. The refuse containers will be picked up on a weekly basis by the Park's refuse removal company for disposal or recycling at an approved facility.
- g-i) Development of the equestrian area will not involve the development of housing. No structures will be constructed within a 100-year flood hazard area.
- j) The proposed equestrian area is located approximately 60 miles inland from the ocean and the park's existing lakes are not considered significant bodies of water that could cause severe damage. The proposed project would therefore not be affected by severe storm or earthquake-related water hazards such as a seiche, tsunami or mudflow.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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IX. LAND USE AND PLANNING — Would the project:

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Physically divide an established community? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Conflict with any applicable habitat conservation plan or natural community conservation plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

SUBSTANTIATION:

- a) The proposed parkland improvements are located in an established regional park and will not divide an established community.

- b) Development of the parklands as proposed will not conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project.
- c) Development of the parklands as proposed will not conflict with any applicable Habitat Conservation Plan

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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X. MINERAL RESOURCES — Would the project:

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|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

SUBSTANTIATION (check ___ if project is located within the Mineral Resource Zone Overlay):

- a-b) None of the parkland areas proposed to be further developed within the Yucaipa Regional Park are identified as containing mineral resources and will not result in any loss of availability of locally important mineral resources. The Yucaipa Regional Park is not located in a Mineral Resource Zone.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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XI. NOISE — Would the project result in:

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|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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- f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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SUBSTANTIATION (check if the project is located in the Noise Hazard Overlay District ____ or is subject to severe noise levels according to the General Plan Noise Element __):

Picnic/Shelter and RV Hook-up Areas

- a-b) Activities undertaken at the Yucaipa Regional Park and specifically within the Picnic/Shelter and RV Hook-up areas are not anticipated to result in noise levels that would expose persons to noise levels or vibrations in excess of local standards.
- c-d) Ambient Noise levels from construction activities within the proposed Picnic/Shelter and RV hook-up areas will temporarily exceed current ambient noise levels in the Park and at surrounding residential areas. However, construction will be limited to daytime hours and will be conducted in accordance with the County's noise standards.
- e-f) The proposed project is not located within an airport land use plan area or near a private airstrip.

Equestrian Area

- a-b) There are no residences or other sensitive receptors located adjacent to the proposed equestrian area that would be adversely affected by the construction or use of this area.
- c-d) Ambient noise levels during construction may exceed County permitted thresholds for short durations. However, construction will be limited to daytime hours and will be conducted in accordance with the County's noise standards.
- e-f) The proposed project is not located within an airport land use plan area or near a private airstrip.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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XII. POPULATION AND HOUSING — Would the project:

- a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?
- b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?
- c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

- a) The proposed parkland improvements will not induce population in an area either directly or indirectly. The proposed facility is designed as a community facility to enhance the recreational needs of the existing population of the region.
- b) No existing housing on the site will be displaced by the construction of the parkland improvements.
- c) No displacement of homes or people will occur as a result of the proposed parkland improvements.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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XIII. PUBLIC SERVICES —

- a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

- a) Fire Protection - The Yucaipa Regional Park is located on Oak Glen Road, in the City of Yucaipa, and is served by a fire station located on Bryant Street, approximately one mile from the entrance to the regional park. Additionally fire hydrants (and water lines) are located at various locations within the Regional Park. These water lines will be extended to serve the proposed parkland improvement areas.

Police Protection - Additional police protection is not required as the addition of the parkland improvements will not change current facility operating hours and will not create a substantial increase in park visitors.

Schools - The proposed construction and operation of the proposed parkland improvements will not generate a substantial number of new job opportunities or induce people to move to the project area. Therefore, the parkland improvements will not adversely impact local schools.

Parks - Proposed construction activities will not generate a substantial number of new job opportunities or induce people to move to the project area thereby creating a demand for additional parks.

Public facilities -The parkland improvements will not significantly increase traffic on adjacent streets or create a need for any other public facilities.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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XIV. RECREATION —

- a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?
- b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

- a/b) The proposed parkland improvements will add to the recreational opportunities available to the community.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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XV. TRANSPORTATION/TRAFFIC — Would the project:

- a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?
- b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?
- c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?
- d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?
- e) Result in inadequate emergency access?
- f) Result in inadequate parking capacity?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSTANTIATION:

- a-b) The development of the proposed parkland improvements are not anticipated to result in an increase in traffic greater than an average of 55 to 60 trips per day. Because of this small increase in traffic, the proposed project is not anticipated to significantly impact traffic or exceed the capacity of the street system.
- c) The proposed project would not affect any air traffic patterns or pose an air safety risk.
- d-e) The regional park's access road will not change as a result of the proposed project and emergency access will remain unchanged as well.
- f) The proposed parkland improvements include parking for the anticipated additional Park users and will not result in inadequate parking capacity.
- g) The proposed parkland improvements are part of an existing regional park and will not conflict with adopted policies, plans or programs supporting alternative transportation.

	Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

XVI. UTILITIES AND SERVICE SYSTEMS — Would the project:

	Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
f) Be served by a landfill(s) with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SUBSTANTIATION:

Picnic/Shelter Area

- a-g) The proposed Picnic/Shelter area facility will include the construction of a restroom facility for use by park visitors. The Picnic/Shelter area and its restroom will be connected to existing wastewater systems and storm drain facilities located within the Park, and therefore will not require new or expanded wastewater systems or alterations to existing stormwater facilities.

The construction and operation of the Picnic/Shelter area is not anticipated to result in impacts to the utilities and sewer system, exceed wastewater treatment requirements, result in the construction of new water or wastewater treatment facilities, require the construction of new stormwater drainage facilities, or impact the supply of water. The Picnic/Shelter area will be located within the San Timoteo Landfill service area and will not impact significantly the facility's site life, or violate any federal, state, or local statutes related to solid waste.

RV Hook-up Sites

- a-g) The proposed RV Hook-up area facility will include the construction of 12 to 20 RV camping spaces and a restroom/shower. These facilities (the RV Hook-up and restroom/shower) will utilize existing sewer systems and stormwater facilities located within the park and therefore will not require new systems or alterations to existing utilities.

The construction and operation of the RV Hook-up area is not anticipated to result in impacts to the utilities and sewer system, exceed wastewater treatment requirements, result in the construction of new water or wastewater treatment facilities, require the construction of new stormwater drainage facilities, or impact the supply of water. The RV Hook-up area will be located within the San Timoteo Landfill service area and will not impact significantly the facility's site life, or violate any federal, state, or local statutes related to solid waste.

Equestrian Area

- a-g) The proposed equestrian area with overnight corrals for 31 horses, 7 day use corrals, a dry camping area for 30 visitors and bathrooms/showers will be connected to a septic tank/leachfield system. The Equestrian area will utilize existing natural drainage and stormwater systems and therefore will not require new systems or alterations to existing utilities.

The construction and operation of the Equestrian area is not anticipated to result in impacts to the utilities and sewer system, exceed wastewater treatment requirements, result in the construction of new water or wastewater treatment facilities, require the construction of new stormwater drainage facilities, or impact the supply of water. The Equestrian area will be located within the San Timoteo Landfill

service area and will not impact significantly the facility's site life, or violate any federal, state, or local statutes related to solid waste.

Potentially Significant Impact	Less than Significant with Mitigation Incorp.	Less than Significant Impact	No Impact
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XVII. MANDATORY FINDINGS OF SIGNIFICANCE—

- | | | | | |
|--|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c) Does the project have environmental effects which will cause Substantial adverse effects on human beings, either directly Or indirectly? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

SUBSTANTIATION:

- a) The parkland improvement projects described within this Initial Study are designed to enhance recreational activities for parkland users and thereby have a positive effect upon the environment. No impacts to fish or wildlife are anticipated to result from construction or use of the proposed parkland improvements.
- b) The potential impacts associated with the parkland improvements including the construction of new picnic/shelter, RV hook-up, and day/overnight use equestrian areas were analyzed individually and cumulatively. Both individual and cumulative impacts associated with the parkland improvements have been minimized to a level that will not cause significant impacts to the environment.
- c) The project has been designed to reduce and/or eliminate potential impacts to the environment and human beings. No adverse effects that were not mitigated to a level of less than significant were identified in the Initial Study.

XVIII SUMMARY OF MITIGATION MEASURES:

AESTHETICS

1. The design and layout of the RV camping area shall orient all RV's utilizing the site so that they are facing west away from homes located to the east of the expanded RV area.
2. Existing trees and shrubs shall be retained as much as feasible to disrupt direct views from homes overlooking the proposed RV Hook-up area.
3. Any permanent lighting shall be shielded and directed away from existing housing located adjacent to the Yucaipa Regional Park

CULTURAL RESOURCES

4. Prior to commencement of construction activities or grading of undisturbed portions of the Picnic/Shelter and RV Hook-up areas, a field survey shall be conducted by a qualified paleontologist and archeologist to identify areas that may contain potential resources. If no areas are identified, a report of the field surveys shall be prepared and submitted to the San Bernardino County Museum for approval. A copy of the report shall also be submitted to the County Planning Department, Environmental Analysis Team for documentation of mitigation compliance.
5. If, through the field survey, areas are identified as containing potential resources, excavation shall be monitored by a qualified paleontologist and archeologist. In the event that no specimens are found, a report shall be prepared and submitted as directed above.
6. If buried resources are encountered during any excavation activities, all work shall be halted or diverted until a qualified archaeologist and/or paleontologist can evaluate the nature and significance of the finds. The County will be responsible for construction contract documents allowing monitors to halt or re-direct excavation.

GEOLOGY AND SOILS

7. As required by the County Geologist, prior to final selection of bathroom/shower locations a qualified geologist shall complete fault location trenching to ensure the bathroom/showers are located at least 50-feet from Holocene faults. In addition, the construction of the structures shall be in conformance with Uniform Building Code requirements for buildings located in Alquist-Priolo Earthquake Fault Zones.

HAZARDS AND HAZARDOUS MATERIALS

8. The equestrian area restroom/showers shall be constructed with a geomembrane or equivalent system that incorporates low permeability to landfill gas, between the concrete floor slab of subgrade and install venting trenches with vent risers extending to the roofline. The system shall be approved by the County of San Bernardino, Environmental Health Division, Local Enforcement Agency.
9. Any utility conduits (water, gas, electrical) connected to the equestrian area restroom/showers shall be provided with cutoff seals at connections to the restroom/shower to prevent methane from migrating through the backfilled trenches.

REFERENCES (List author or agency, date, title)

Alquist-Priolo Special Studies Zone Act Map Series (PRC 27500)

County of San Bernardino Development Code, 1999

County of San Bernardino Identified Hazardous Materials Waste Sites List, April 1998

South California Earthquake Center, Data Center www.scecdc.scec.org

City of Yucaipa Development Code, Chapter 3 Land Use Districts, March 14, 1994

City of Yucaipa Development Code, Chapter 2 Hazard Protection, March 14, 1994

Soil Survey of San Bernardino County Southwestern Part, California, Issued January 1980, United States Department of Agriculture Soil Conservation Service

The California Natural Diversity Database, Records Search September 2002

Status of Landfill Conditions as of June 30, 2001, NORCAL/ San Bernardino. Inc. August 2001